

MAYER & WILLIAMS PC

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Oct 24 2008 16:57

P. 04

PART B - FEE(S) TRANSMITTAL

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27774 7590 07/24/2008

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HARRIS Kelly	(Depositor's name)
<i>Harris Kelly</i>	(Signature)
10/24/08	(Date)

10/554,212

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY CHECK NO.	CONFIRMATION NO.
10/554,212	10/24/2008	Hong Jin Kang	2400/8	4516

TITLE OF INVENTION:

DEVICE FOR GENERATING PLANE BEAM/CONICAL SHAPE BEAM AND SECURITY DEVICE USING GENERATED PLANE BEAM/CONE BEAM

APPL. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	10/27/2008 NGUYEN2 00000000 301047	10/24/2008
EXAMINER	ART UNIT	CLASS-SUBCLASS	01 FC:2501 02 FC:1504	755.00 DA 300.00 DA	
Lee, Benjamin C.	2812	340-557000			

10554212

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.303).

- ☐ Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02; or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 3 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Mayer & Williams PC
2. Stuart H. Mayer, Esq.
3. Karin L. Williams, Esq.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 1.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Korea Advanced Institute of Science and Technology

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Daejeon City, Republic of Korea

(KAIST)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Karin L. Williams

Date

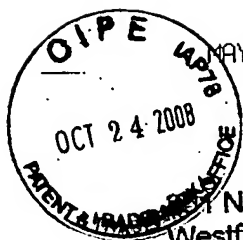
10/24/08

Typed or printed name Karin L. Williams, Esq.

Registration No. 38721

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Oct 24 2008 16:56 P.01

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To: Office of Patent Publication
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Group Art Unit: 2612
Examiner: Benjamin C. Lee

From: Hellier Kelly
Patent/Trademark Paralegal

Fax: 571-273-2885

Pages: 4 (including cover)

Phone:

Date: 10/24/2008

Re: Appln. No.: 10/554,212

CC:

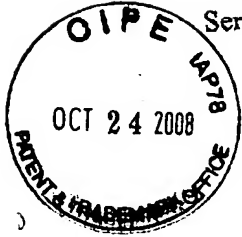
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PLEASE SEE ATTACHED COMMENTS ON EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE AND PART-B ISSUE FEE TRANSMITTAL



Serial No.: 10/554,212

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kong et al.

Serial No.: 10/554,212

Filed: 10/24/2005

Title: DEVICE FOR GENERATING PLANE BEAM/CONICAL SHAPE BEAM
AND SECURITY DEVICE USING GENERATED PLANE BEAM/CONE
BEAM

Art Unit: 2612

Examiner: Benjamin C. Lee

Confirmation No.: 4516

Docket No.: 2400/8

Via Facsimile: 571-273-2885

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

COMMENTS ON EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

Sir:

This is filed in response to the Examiner's statement of reasons for allowance which were set forth in connection with the Notice of Allowance mailed July 24, 2008. These comments are being filed simultaneously with the payment of the government issue fee.

The Examiner's statement of reasons for allowance indicates that in a security system for monitoring intruder using optical beam generation and beam detector, the claimed use of a hollow cylindrical prism (see illustrations on Figs 2-5) having a predetermined diameter to generate a plane beam for reception by the beam signal detector and for the processor to

Serial No.: 10/554,212

judge whether there is an intruder from a signal detected by the signal detector in the manner claimed, is not taught or suggested in the prior art.

The above statement as to the reasons for allowance includes a partial recitation of elements of independent Claim 7 (renumbered as Claim 1 by the Examiner). Applicant respectfully submits that it is the complete recitation of all of the elements recited in *each* of the individual pending claims, Claims 7-13 (now 1-7), that constitute the basis for allowance for each allowed claim.

Applicant's undersigned attorney may be reached at (908) 518-7700.

Respectfully submitted,



Karin L. Williams

Registration No. 36,721

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Certificate of Facsimile Transmission

I hereby certify that this document and any document referenced herein is being sent to the United States Patent and Trademark office, Office of Patent Publication, via Facsimile to: 571-273-2885 on 10/24/2008.

Hellier Kelly

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